

New APARTMENT HOUSE
ALL-TRANSISTOR
INTERCOM

TALK-A-PHONE
A. I. A. FILE NO. 31-1-51



Instant and direct 2-way conversation between any Apartment and Vestibule . . . with built-in buzzer and door opener.

Persons in Vestibule can communicate selectively with ample volume at normal voice level with any Apartment . . . even in noisy locations —without operating any controls.



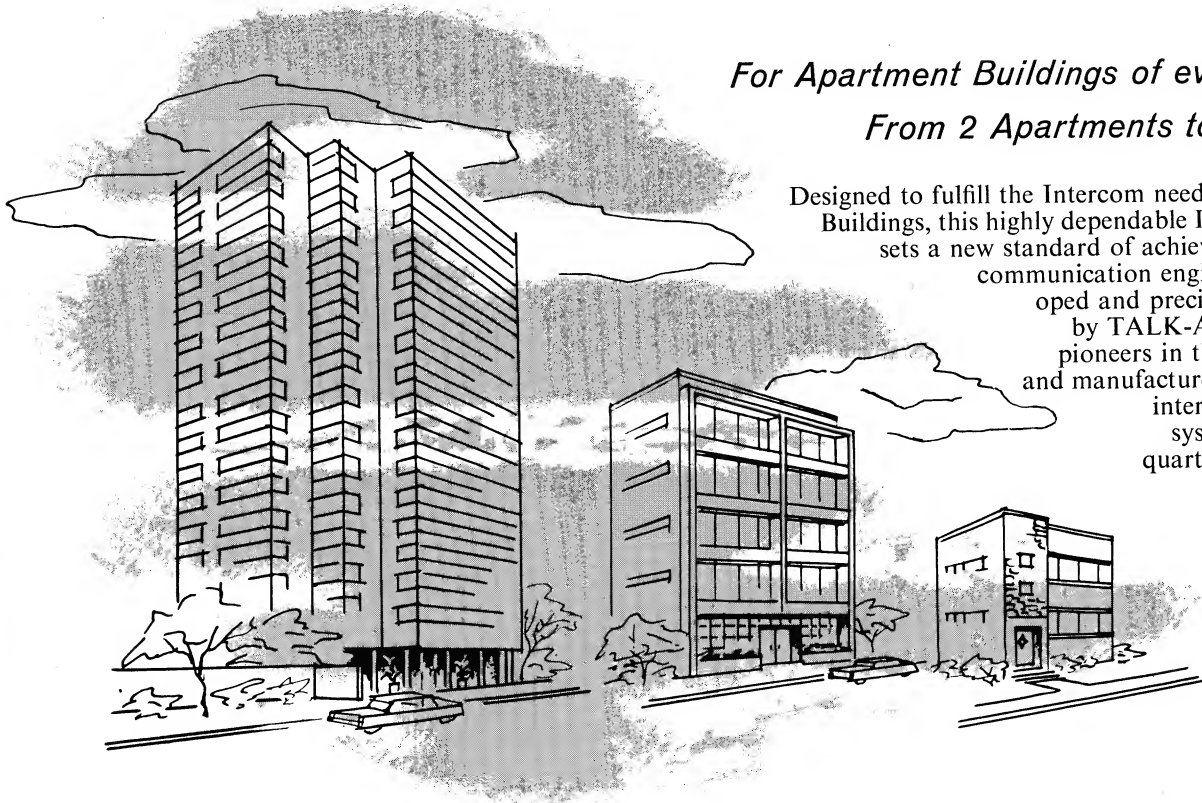
The Accepted Symbol of
Quality and Dependability

TALK-A-PHONE
INTERCOMMUNICATION

ALL NEW, ALL TRANSISTOR TALK-A-PHONE

For Apartment Buildings of every size...

From 2 Apartments to Hundreds



Designed to fulfill the Intercom needs of Apartment Buildings, this highly dependable Intercom system sets a new standard of achievement in intercommunication engineering. Developed and precision-engineered by TALK-A-PHONE CO., pioneers in the development and manufacture of dependable intercommunication systems for over a quarter-of-a-century.

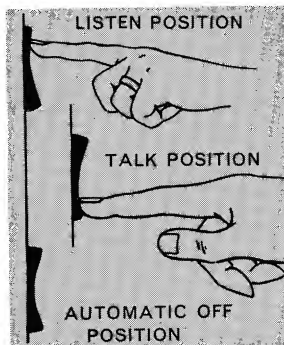
DISTINCTIVELY STYLED . . . custom-designed stainless steel front panels, in handsome satin finish. Apartment Intercom Unit accented with custom-contoured door opener and communication control. Attractive in any decor.

GREATER DEPENDABILITY . . . ruggedly engineered to withstand continuous use. The all-transistor amplifier is designed to meet the specific and rigid requirements of Apartment House communication.

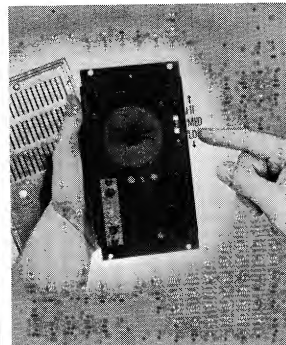
GREATER PERFORMANCE WITH EXCLUSIVE TALK-A-PHONE FEATURES . . .



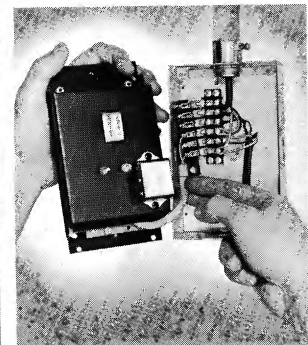
Effective, clear voice projection without "boom". Sensitive Vestibule Intercom Unit permits persons in Vestibule to answer without using controls, even at a distance.



"Automatic Privacy" feature. Speaker in Apartment Intercom Unit is always disconnected unless in actual use for communication.



Individual Apartment "Volume Selector". Each Apartment selects its own volume level.



Factory-connected "Fan-ning Strip" for quick, easy installation of Apartment Units. Factory-supplied "Terminal Block" for continuity of cable runs.

Beautifully designed • Quality engineered to provide clarity and naturalness of tone
• Built to withstand continuous use.

APARTMENT HOUSE INTERCOM SYSTEM

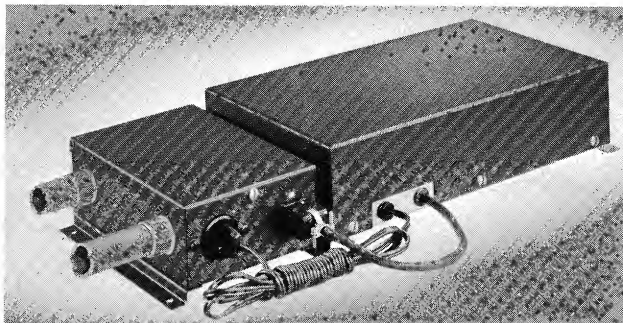
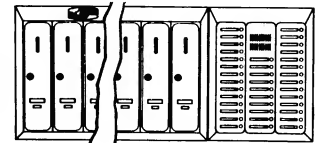


MODEL TA-1 APARTMENT INTERCOM UNIT

- Attractive, compact unit for call origination and communication with persons in Vestibule.
- Exclusive "Automatic Privacy" feature. Feather-touch, contoured Communication Control automatically disconnects speaker within your Apartment. You alone control your unit.
- Exclusive Apartment "Volume Selector", concealed behind front panel, but easily accessible. Each Apartment controls its own volume.
- Built-in pleasant sounding buzzer connects to push button in Vestibule, operates on 8 to 12 volts.
- Built-in, contoured push button operates electric door opener.
- Built-in "Fanning Strip" for quick, easy connection of Apartment Units to factory supplied "Terminal Block" which provides continuity of cable runs.
- Modern, custom-designed stainless steel front panel, in handsome satin finish. Measures 4-13/16" W x 7-3/16" H.
- Recesses in wall. Mounts in A-PR Back Box, which requires wall opening 4-1/8" W x 6-1/2" H x 1-7/8" D. A-PR accommodates 1/2" or 3/4" conduits.

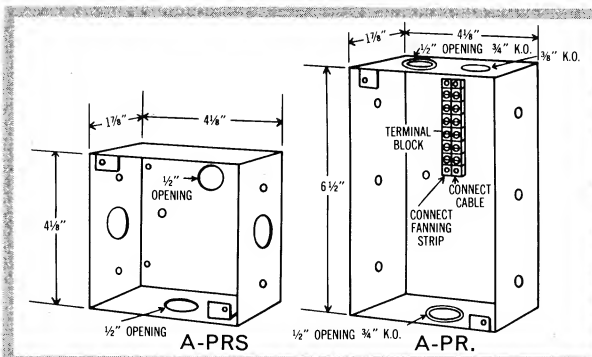
MODEL T-AR VESTIBULE INTERCOM UNIT

- Use in Vestibule, or any other entry. One required per system, but additional units can be used at rear door, service door, etc. for simultaneous operation.
- Persons in Vestibule can communicate selectively with any Apartment with ample volume . . . even in noisy locations. Sensitive speaker enables persons in Vestibule to answer without using controls, even at a distance.
- Modern, custom-designed stainless steel Front Panel, in handsome satin finish. Measures 4-13/16" W x 4-13/16" H.
- Recesses in wall. Mounts in A-PRS Back Box, which requires wall opening 4-1/8" W x 4-1/8" H x 1-7/8" D. A-PRS accommodates 1/2" conduit.
- **MODEL T-AS ALTERNATE VESTIBULE INTERCOM UNIT**
Speaker only, designed for mounting on back of bell-button panels, such as Directory Panels and Mail Boxes manufactured by BOMMER.



MODEL TA-40 AMPLIFIER-POWER SUPPLY UNIT

- One required per system for any size installation, from two units to hundreds.
- Provides desired amplification for unsurpassed clarity and naturalness of tone.
- Supplies 12 volts AC Output for operating built-in buzzer within TA-1 and electric door opener in Vestibule.
- Place in any convenient area, as basement, closet, etc. Can mount on wall or stand freely on table, shelf, etc.
- Complete with terminal strips to accommodate all interconnecting cables.
- Styled in charcoal gray finish case. Amplifier Section (12" x 3-1/4" x 6-7/8") and Power Supply Section (4-5/8" x 2-3/4" x 6-7/8") are easily interconnected by plug.
- Operates on 110-120 volts, 50-60 cycles, AC. Can accommodate three 1/2" conduits for bringing in both an AC line and the interconnecting cables.

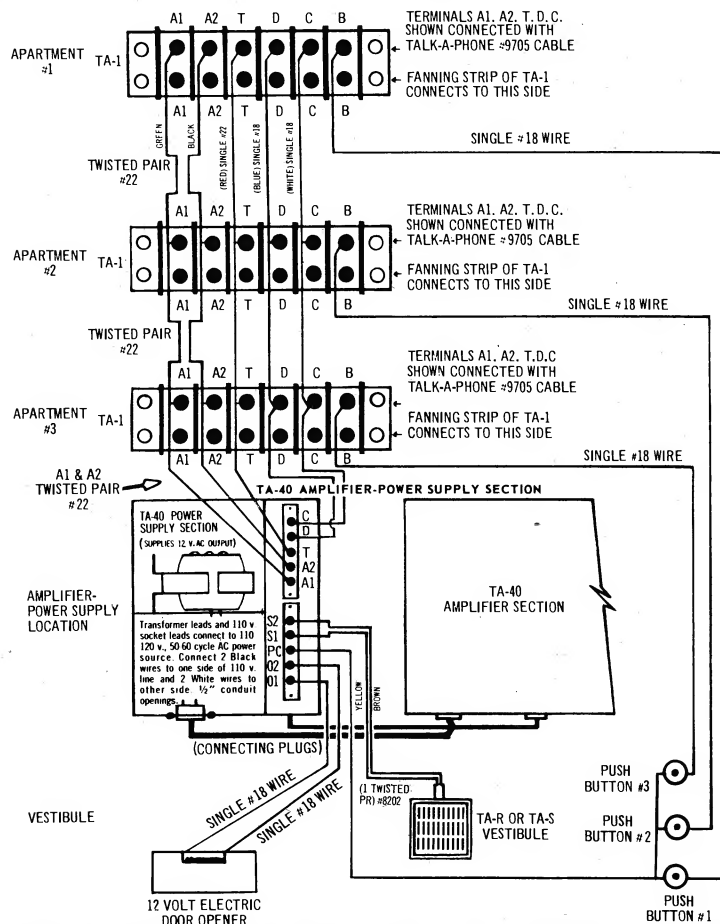


ARCHITECTS, CONTRACTORS AND DISTRIBUTORS

One A-PRS Back Box is required for recessing Model TA-R Vestibule Intercom Unit. One A-PR Back Box is required for recessing Model TA-1 Apartment Intercom Unit. A-PRS is furnished separately so Back Boxes can be installed prior to purchasing stations. A-PR is also furnished separately and comes complete with terminal block. T-AS Speaker requires no Back Box as it mounts on back of bell button panel. Illustration shows A-PRS and A-PR.

NEW TALK-A-PHONE APARTMENT HOUSE INTERCOM SYSTEM

CONNECTING THE TALK-A-PHONE APARTMENT HOUSE INTERCOM SYSTEM



HOW TO DETERMINE CABLE NEEDS

Use the recommended interconnecting cables for installation of this system, or the system may not function as designed. These cables are constructed to our special specifications, to provide the best performance of the system.

Use TALK-A-PHONE #9705 Cable (1 twisted pair #22; 1 single #22; 2 singles #18) for connecting TA-1 Apartment Intercom Units. Run cable from TA-40 Amplifier-Power Supply Unit to any TA-1; then from that TA-1 to a second TA-1; and from the second TA-1 to a third TA-1, etc. All TA-1's can be in one continuous run; or they can be divided into groups of parallel runs (as where risers are used). Leave about a 3' loop in each Back Box before going on to next Back Box. This will provide you with sufficient slack for ease in connecting cable.

To activate built-in buzzer in TA-1, use a single #18 bell wire (not included in #9705 cable) from each push button in Vestibule to the corresponding TA-1 in Apartment.

Use TALK-A-PHONE #8202 (1 twisted pair) Cable to connect TA-R or TA-S Vestibule Intercom Unit to TA-40 Amplifier-Power Supply Unit. (50' of #8202 is supplied with TA-40). A separate conduit between Vestibule Intercom Unit and TA-40 is recommended.

In addition, use two #18 wires from door opener in Vestibule to TA-40 Amplifier-Power Supply Unit.

Also, use a single #18 wire from common side of push buttons in Vestibule to TA-40 Amplifier-Power Supply Unit.

TA-40 requires connection to a 110-120 volt, 50-60 cycle power source. Locate TA-40 in any convenient area away from excessive heat or direct rays of sun. If conduit is not used, the TA-40 should be grounded by connecting an insulated wire from any external screw on the Power Supply Section of TA-40 to a substantial ground.

Local Building Codes Should Be Observed

COMPLETE LISTINGS AND PRICES

| MODEL NO. | DESCRIPTION | FRONT PANEL SIZE | WALL OPENING | SHPG. WT. LBS. | LIST PRICE EACH |
|-----------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------|-------------------|------------------------|
| TA-1 | Apartment Intercom Unit. Less Back Box. | 4-13/16"W x 7-3/16"H | 4 1/8"W x 6 1/2"H x 1 1/8"D | 2 | |
| A-PR | Back Box required for TA-1. Complete with terminal block. | | 4 1/8"W x 6 1/2"H x 1 1/8"D | 2 | |
| TA-R | Vestibule Intercom Unit. Less Back Box. | 4-13/16"W x 4-13/16"H | 4 1/8"W x 4 1/8"H x 1 1/8"D | 3 3/4 | |
| A-PRS | Back Box required for TA-R. | | 4 1/8"W x 4 1/8"H x 1 1/8"D | 2 | |
| TA-S | Speaker for mounting on back of bell button panel. Color-coded for easy connection. | | | 2 | |
| TA-40 | Amplifier-Power Supply Unit. Complete with 50-feet of #8202 cable for connecting TA-R or TA-S. | Amplifier Case 16 5/8"W x 12"L x 3 1/4"H Power Supply Case 4 5/8"W x 6 7/8"L x 2 1/8"H | | 13 | |
| CABLES | Cables have vinyl-plastic 175° F. individually covered conductors with overall plastic jacket and are weatherproof. | | APPROX. O.D. | Shpg. Wt. 100 ft. | List Price per 100 ft. |
| 8202 | Cable (1 twisted pair) for use where additional lengths are required to connect TA-R or TA-S. | | 3/16" | 2 | |
| 9705 | Cable (1 twisted pair #22; 1 single #22; 2 singles #18) for connecting TA-1. | | 3/8" | 3 | |

All systems come complete with easy-to-follow instructions and are ready to install.

Manufactured under exclusive TALK-A-PHONE Patents.

All Prices and Specifications Subject to Change Without Notice

TALK-A-PHONE CO. 5013 N. KEDZIE AVENUE, CHICAGO 25, ILL. • 312 KE 9-1100

